

PE HDPE Pipe Butt Fusion Welding Machine

This machine is designed for butt fusion welding of PE and HDPE pipes. It utilizes manual operation to create strong and reliable joints.



ADDITIONAL IMAGES



Product Overview



Manual operation allows for precise control during the fusion of various pipe sizes.

Professional PE/HDPE Butt Fusion Welding Machine

This manual welding and molding machine is designed for the precise butt fusion of PE and HDPE pipes and fittings. It features a robust, durable frame and a manual operation system that allows for consistent pressure and alignment during the welding process. Ideal for both on-site field work and workshop fabrication, this equipment ensures strong, leak-proof connections for critical infrastructure projects.

Technical Specifications



The complete welding setup featuring racks, milling tool, and heating plate.



Robust frame construction with manual lever system for consistent pressure application.

Core Components

- Robust machine frame
- Adjustable clamping mechanisms
- Heating plate with temperature control
- Milling cutter (facing tool)
- Manual operation levers

Supported Materials

PE, HDPE

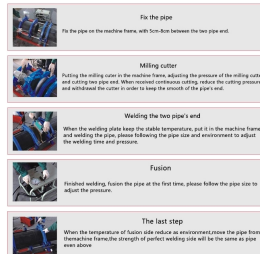
Applications

Industry Applications

Plumbing • Gas Pipelines • Industrial Piping

Operation Process

TECHNICAL DISPLAY



Visual guide illustrating the pipe welding workflow from milling to final fusion.

Standard Welding Procedure

Step	Description
1. Fix	Secure pipe on frame with 5-8cm gap.
2. Mill	Use milling cutter to ensure smooth pipe ends.
3. Heat	Apply heating plate at stable temperature.
4. Fuse	Apply pressure to fuse ends based on pipe size.
5. Cool	Allow to cool before removing from frame.